2. CONNECTIONS AND **OPERATION**

2.1 SPEAKER CONNECTIONS

Each 5-way binding post accepts a connection from one speaker. Connect the positive/red (+) connection on the speaker to the positive/red (+) binding post on the appropriate amplifier channel. As well, connect the negative/black (–) connection on the speaker to the negative/black (–) binding post on the same amplifier channel. Be careful not to overtighten the binding posts.

2.2 INPUT CONNECTIONS

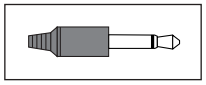
The input signal connection is made with connectors from a suitable preamp or surround sound processor. Connect the outputs from your preamp or surround sound preamp to the corresponding Right, Right Surround, Right Rear, Center, Left Surround, Left Rear, and Left inputs (number of channels depends on PVA model).

2.3 ON MODES

With the three-way switch located on the rear panel, you can set the way your amplifier is turned on and off. To use Trigger-On, connect a standard 3.5mm (.125") mono mini plug cable between your PVA amplifier and the preamplifier or control component. Once all other connections are made, connect the power cord to the amplifier and then the wall outlet. One or two 'clicks' should be heard from relays inside the amplifier a few seconds after power is turned on.

Manual-On:
When in this position, the amplifier is turned on/off via the power button on the front panel.

Trigger-On:
This feature allows your amplifier to be turned on or off remotely via the trigger. The 3.5mm (.125") mini-jack INPUT receives power from an upstream component or system controller, and delivers the same trigger signal through the OUTPUT to other components. The power for the relay can range from 5 to 24 volts, AC or DC. The power button on the front panel must be left 'on'.

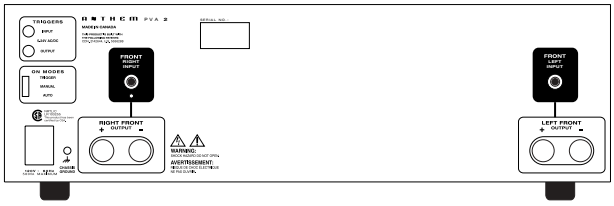


Auto-On:
This innovative feature also eliminates the need to manually operate the power button. Auto-On turns the amplifier on whenever it senses an input signal on any one of the channels, and switches off 20 minutes after the input signal stops. The power button on the front panel must be left 'on'.

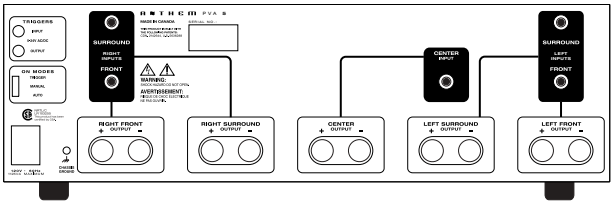
2-Color LED:
In Manual mode, the LED on the front panel is lit green when the amplifier is on. In Auto or Trigger mode, the LED is lit red to indicate standby mode, and green to indicate operate mode.

Note: Your PVA amplifier is equipped with a thermal shut off feature. In the event of overheating due to overload, the affected channel will remain off until the temperature falls below the shut off threshold. Once this condition is met, the channel will reset itself.

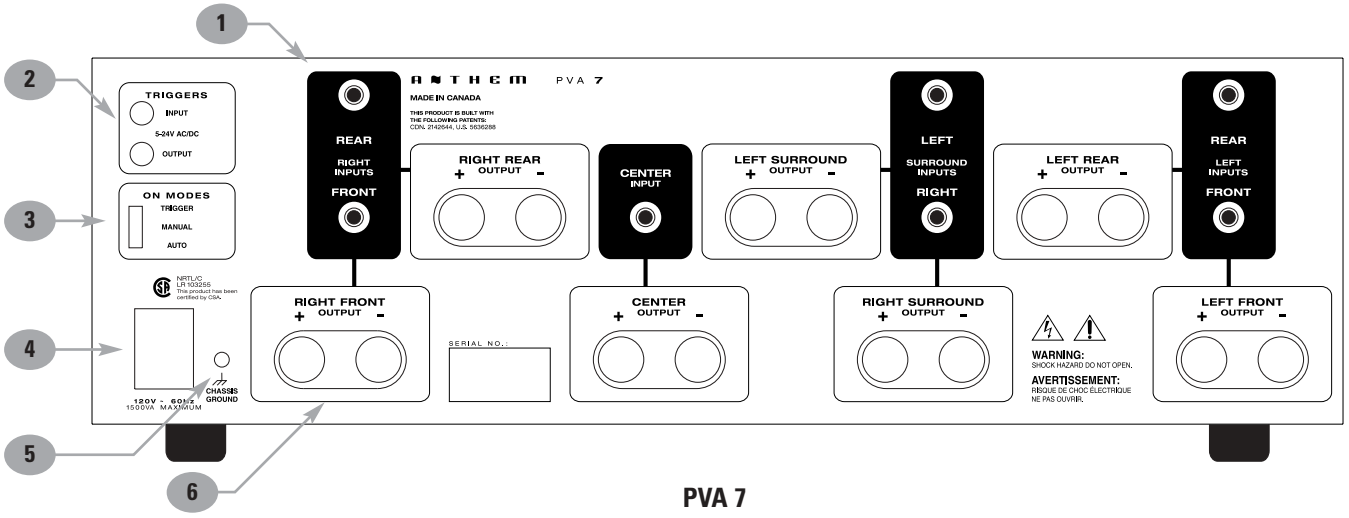
2.4 REAR PANEL LAYOUT



PVA 2



PVA 5



PVA 7

1 – Single Ended RCA Inputs

2 – Trigger Input and Output

3 – On-Mode (Trigger / Manual / Auto)

4 – Power Cord Socket

5 – Chassis Ground

6 – Speaker Binding Posts